

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

|  |  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|--|
| <b>APPLICATION FOR PERMIT TO DRILL</b>   |  |  |  |  |  | 1. WELL NAME and NUMBER<br>LC Tribal 13H-31-47   |  |  |  |  |
| 2. TYPE OF WORK<br>DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/> |  |  |  |  |  | 3. FIELD OR WILDCAT<br>WILDCAT   |  |  |  |  |
| 4. TYPE OF WELL<br>Oil Well Coalbed Methane Well: NO   |  |  |  |  |  | 5. UNIT or COMMUNITIZATION AGREEMENT NAME  |  |  |  |  |
| 6. NAME OF OPERATOR<br>BILL BARRETT CORP   |  |  |  |  |  | 7. OPERATOR PHONE<br>303 312-8164  |  |  |  |  |
| 8. ADDRESS OF OPERATOR<br>1099 18th Street Ste 2300, Denver, CO, 80202   |  |  |  |  |  | 9. OPERATOR E-MAIL<br>BHilgers@billbarrettcorp.com   |  |  |  |  |
| 10. MINERAL LEASE NUMBER<br>(FEDERAL, INDIAN, OR STATE)<br>2OG0005500  |  |  | 11. MINERAL OWNERSHIP<br>FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>       |  |  | 12. SURFACE OWNERSHIP<br>FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> |  |  |  |  |
| 13. NAME OF SURFACE OWNER (if box 12 = 'fee')  |  |  |  |  |  | 14. SURFACE OWNER PHONE (if box 12 = 'fee')  |  |  |  |  |
| 15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')   |  |  |  |  |  | 16. SURFACE OWNER E-MAIL (if box 12 = 'fee')   |  |  |  |  |
| 17. INDIAN ALLOTTEE OR TRIBE NAME<br>(if box 12 = 'INDIAN')<br>Uintah and Ouray  |  |  | 18. INTEND TO COMMINGLE PRODUCTION FROM<br>MULTIPLE FORMATIONS<br>YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/> |  |  | 19. SLANT<br>VERTICAL <input type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/>                               |  |  |  |  |

|                                 |                  |         |         |          |       |          |
|---------------------------------|------------------|---------|---------|----------|-------|----------|
| 20. LOCATION OF WELL            | FOOTAGES         | QTR-QTR | SECTION | TOWNSHIP | RANGE | MERIDIAN |
| LOCATION AT SURFACE             | 416 FSL 832 FEL  | SESE    | 31      | 4.0 S    | 7.0 W | U        |
| Top of Uppermost Producing Zone | 670 FSL 1405 FEL | SWSE    | 31      | 4.0 S    | 7.0 W | U        |
| At Total Depth                  | 810 FSL 700 FWL  | SWSW    | 31      | 4.0 S    | 7.0 W | U        |

|  |   |  |
|--|---|--|
| 21. COUNTY<br>DUCHESNE                   | 22. DISTANCE TO NEAREST LEASE LINE (Feet)<br>700  | 23. NUMBER OF ACRES IN DRILLING UNIT<br>640  |
|  | 25. DISTANCE TO NEAREST WELL IN SAME POOL<br>(Applied For Drilling or Completed)<br>29520 | 26. PROPOSED DEPTH<br>MD: 8762 TVD: 5263   |
| 27. ELEVATION - GROUND LEVEL<br><br>7354 | 28. BOND NUMBER<br><br>LPM8874725   | 29. SOURCE OF DRILLING WATER /<br>WATER RIGHTS APPROVAL NUMBER IF APPLICABLE<br>43-180 |

| Hole, Casing, and Cement Information |           |             |          |        |                |             |                                    |       |       |        |
|--------------------------------------|-----------|-------------|----------|--------|----------------|-------------|------------------------------------|-------|-------|--------|
| String                               | Hole Size | Casing Size | Length   | Weight | Grade & Thread | Max Mud Wt. | Cement                             | Sacks | Yield | Weight |
| Cond                                 | 26        | 16          | 0 - 80   | 65.0   | Unknown        | 8.8         | No Used                            | 0     | 0.0   | 0.0    |
| Surf                                 | 12.25     | 9.625       | 0 - 900  | 36.0   | J-55 ST&C      | 8.8         | Halliburton Light , Type Unknown   | 80    | 3.16  | 11.0   |
|                                      |           |             |          |        |                |             | Halliburton Premium , Type Unknown | 210   | 1.36  | 14.8   |
| I1                                   | 8.75      | 7           | 0 - 5642 | 26.0   | P-110 LT&C     | 9.2         | Unknown                            | 280   | 3.14  | 14.8   |
|                                      |           |             |          |        |                |             | Unknown                            | 115   | 1.42  | 13.5   |
| L1                                   | 6.125     | 4.5         | 0 - 8762 | 11.6   | P-110 LT&C     | 9.5         | No Used                            | 0     | 0.0   | 0.0    |

**ATTACHMENTS**

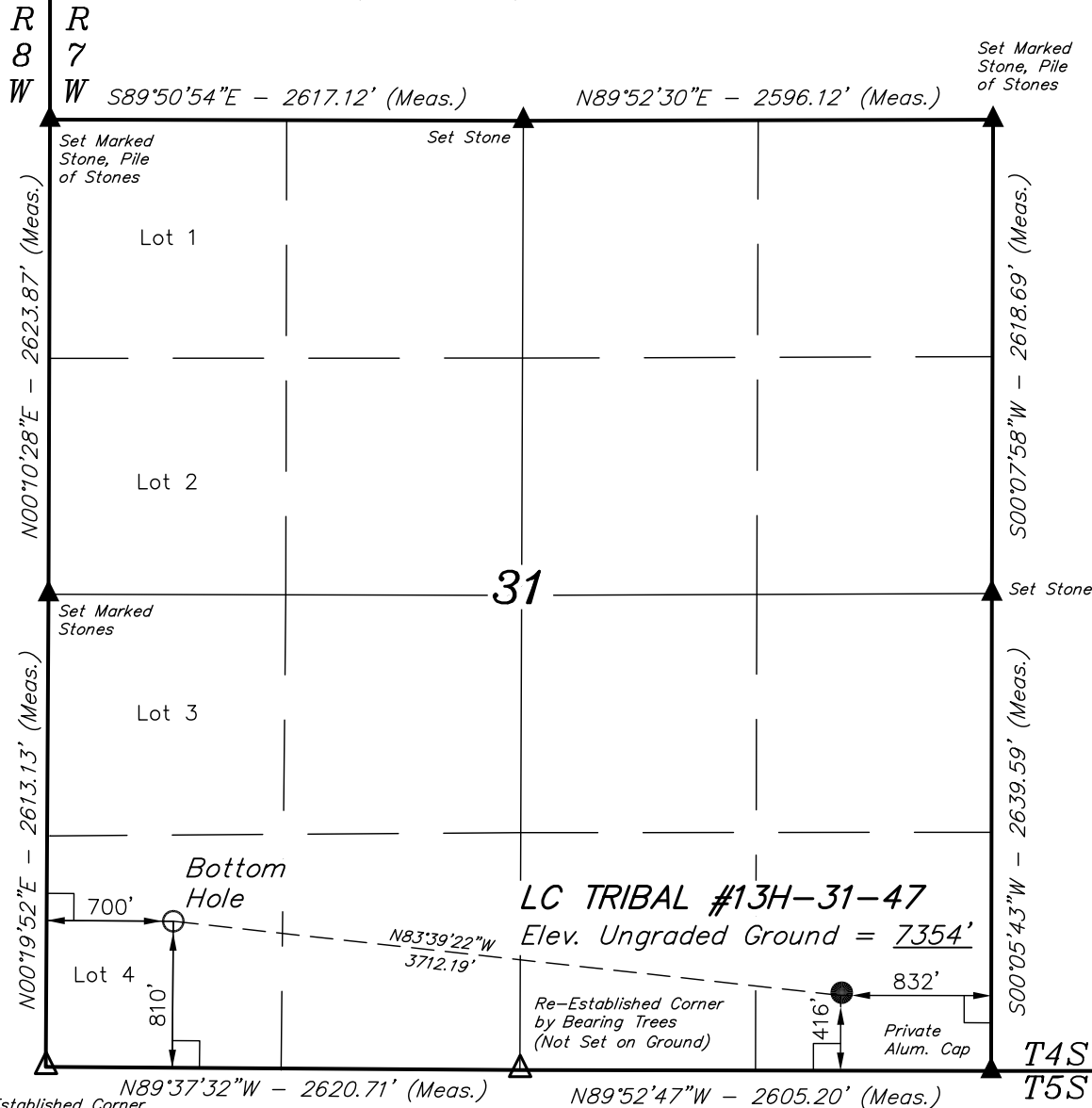
**VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES**

|  |  |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER         | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN                 |
| <input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)               | <input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER |
| <input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED) | <input checked="" type="checkbox"/> TOPOGRAPHICAL MAP                      |

|                                       |                                    |                                       |
|---------------------------------------|------------------------------------|---------------------------------------|
| NAME Venessa Langmacher               | TITLE Senior Permit Analyst        | PHONE 303 312-8172                    |
| SIGNATURE                             | DATE 08/02/2012                    | EMAIL vlangmacher@billbarrettcorp.com |
| API NUMBER ASSIGNED<br>43013516170000 | APPROVAL<br><br><br>Permit Manager |                                       |

T4S, R7W, U.S.B.&M.

BILL BARRETT CORPORATION



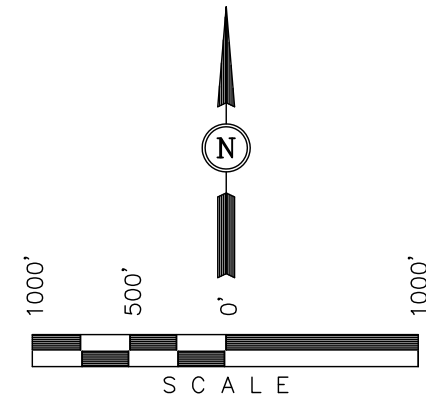
Well location, LC TRIBAL #13H-31-47, located as shown in the SE 1/4 SE 1/4 of Section 31, T4S, R7W, U.S.B.&M., Duchesne County, Utah.

### BASIS OF ELEVATION

BENCH MARK (M67) LOCATED IN THE SW 1/4 OF SECTION 9, T5S, R4W, U.S.B.&M., TAKEN FROM THE DUCHESNE SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED ON CAP AS BEING 6097 FEET.

### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

**ROBERT L. KAY**  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

Re-Established Corner  
by Bearing Trees  
(Not Set on Ground)

### LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

| NAD 83 (TARGET BOTTOM HOLE)            | NAD 83 (SURFACE LOCATION)              |
|--|--|
| LATITUDE = 40°05'04.80" (40.084667)    | LATITUDE = 40°05'00.89" (40.083581)    |
| LONGITUDE = 110°43'26.98" (110.724161) | LONGITUDE = 110°42'39.50" (110.710972) |
| NAD 27 (TARGET BOTTOM HOLE)            | NAD 27 (SURFACE LOCATION)              |
| LATITUDE = 40°05'04.95" (40.084708)    | LATITUDE = 40°05'01.05" (40.083625)    |
| LONGITUDE = 110°43'24.41" (110.723447) | LONGITUDE = 110°42'36.94" (110.710261) |

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

|                         |                                  |                         |
|-------------------------|----------------------------------|-------------------------|
| SCALE<br>1" = 1000'     | DATE SURVEYED:<br>10-25-11       | DATE DRAWN:<br>11-15-11 |
| PARTY<br>T.A. C.B. Z.L. | REFERENCES<br>G.L.O. PLAT        |                         |
| WEATHER<br>COOL         | FILE<br>BILL BARRETT CORPORATION |                         |